FIG. 1

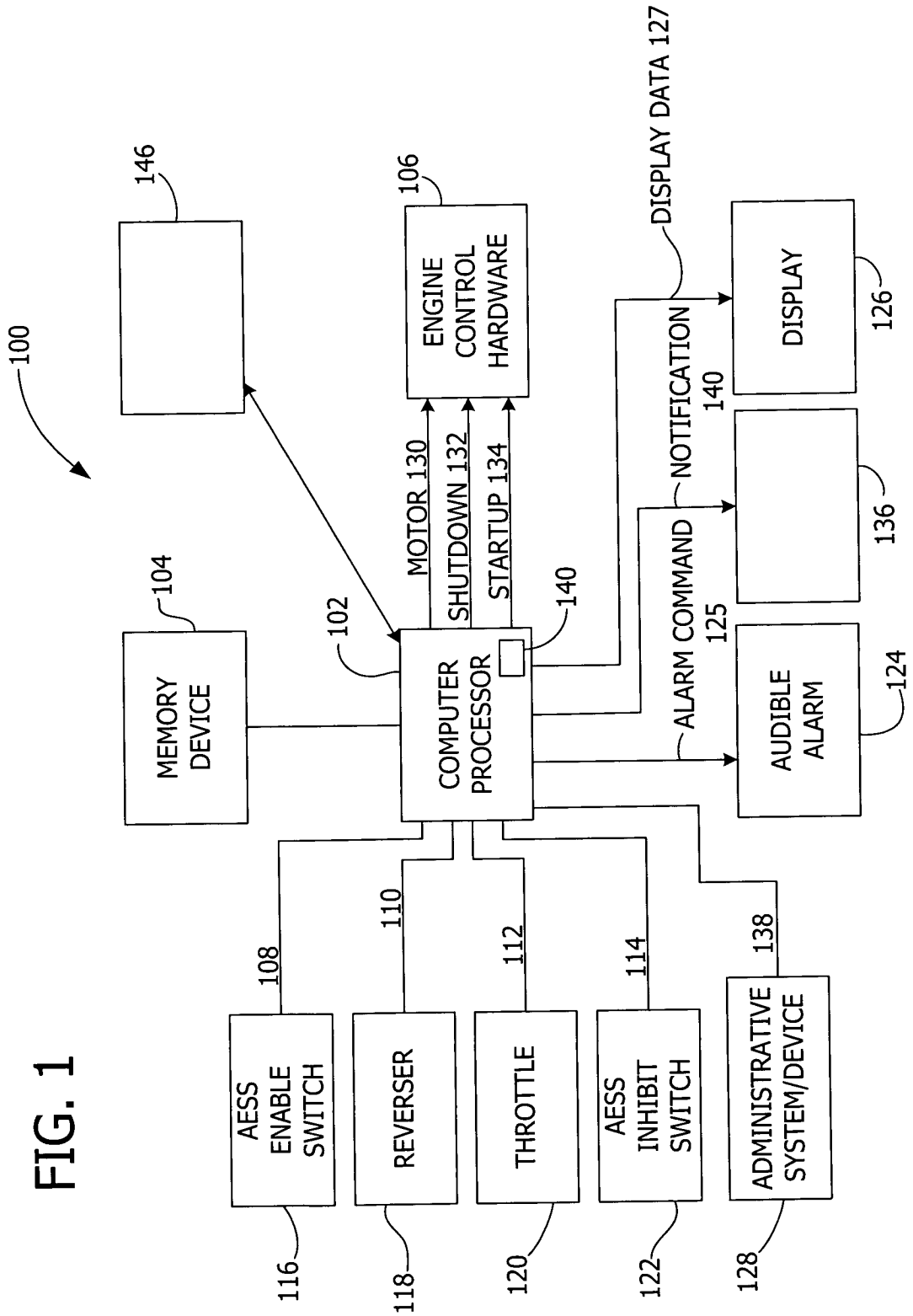

100
146
106
ENGINE CONTROL HARDWARE
DISPLAY DATA 127
DISPLAY
126
MOTOR 130
SHUTDOWN 132
STARTUP 134
NOTIFICATION 140
136
104
MEMORY DEVICE
102
COMPUTER PROCESSOR
140
ALARM COMMAND 125
AUDIBLE ALARM
124
108
110
112
114
138
AESS ENABLE SWITCH
REVERSER
THROTTLE
AESS INHIBIT SWITCH
ADMINISTRATIVE SYSTEM/DEVICE
116
118
120
122
128

FIG. 2

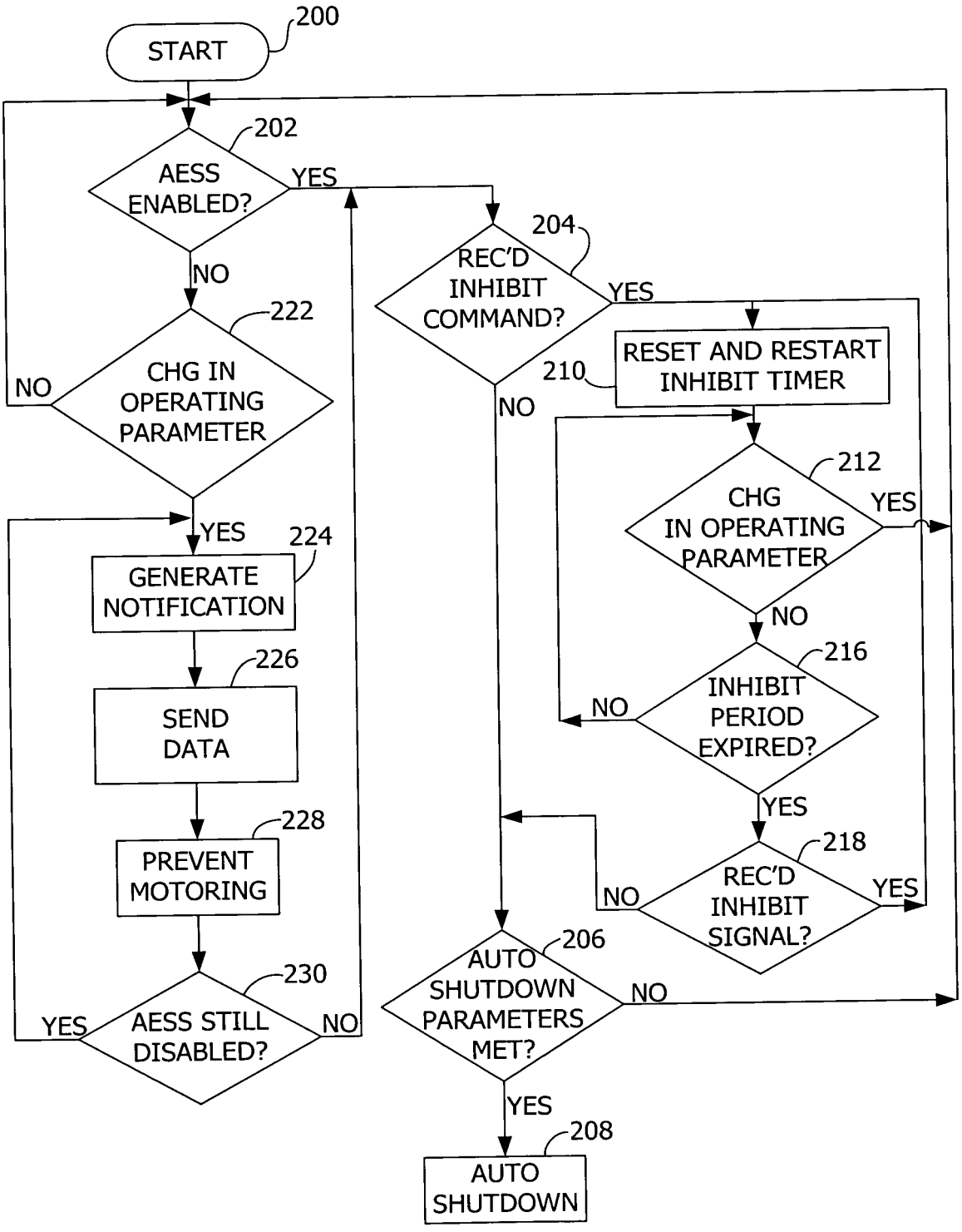
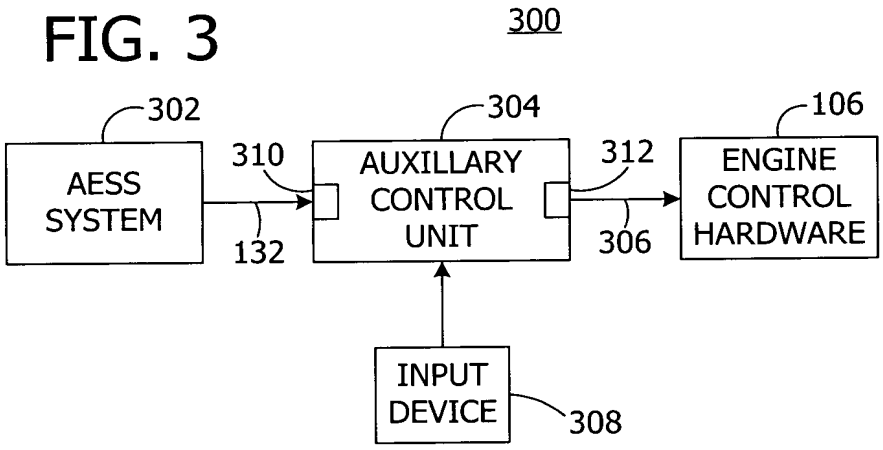

200
START
202
AESS ENABLED?
YES
NO
204
REC'D INHIBIT COMMAND?
YES
NO
210
RESET AND RESTART INHIBIT TIMER
222
CHG IN OPERATING PARAMETER
NO
YES
224
GENERATE NOTIFICATION
226
SEND DATA
228
PREVENT MOTORING
230
AESS STILL DISABLED?
YES
NO
212
CHG IN OPERATING PARAMETER
YES
NO
216
INHIBIT PERIOD EXPIRED?
NO
YES
218
REC'D INHIBIT SIGNAL?
NO
YES
206
AUTO SHUTDOWN PARAMETERS MET?
NO
YES
208
AUTO SHUTDOWN

FIG. 3


300
302
304
106
AESS SYSTEM
310
AUXILLARY CONTROL UNIT
312
ENGINE CONTROL HARDWARE
132
306
INPUT DEVICE
308